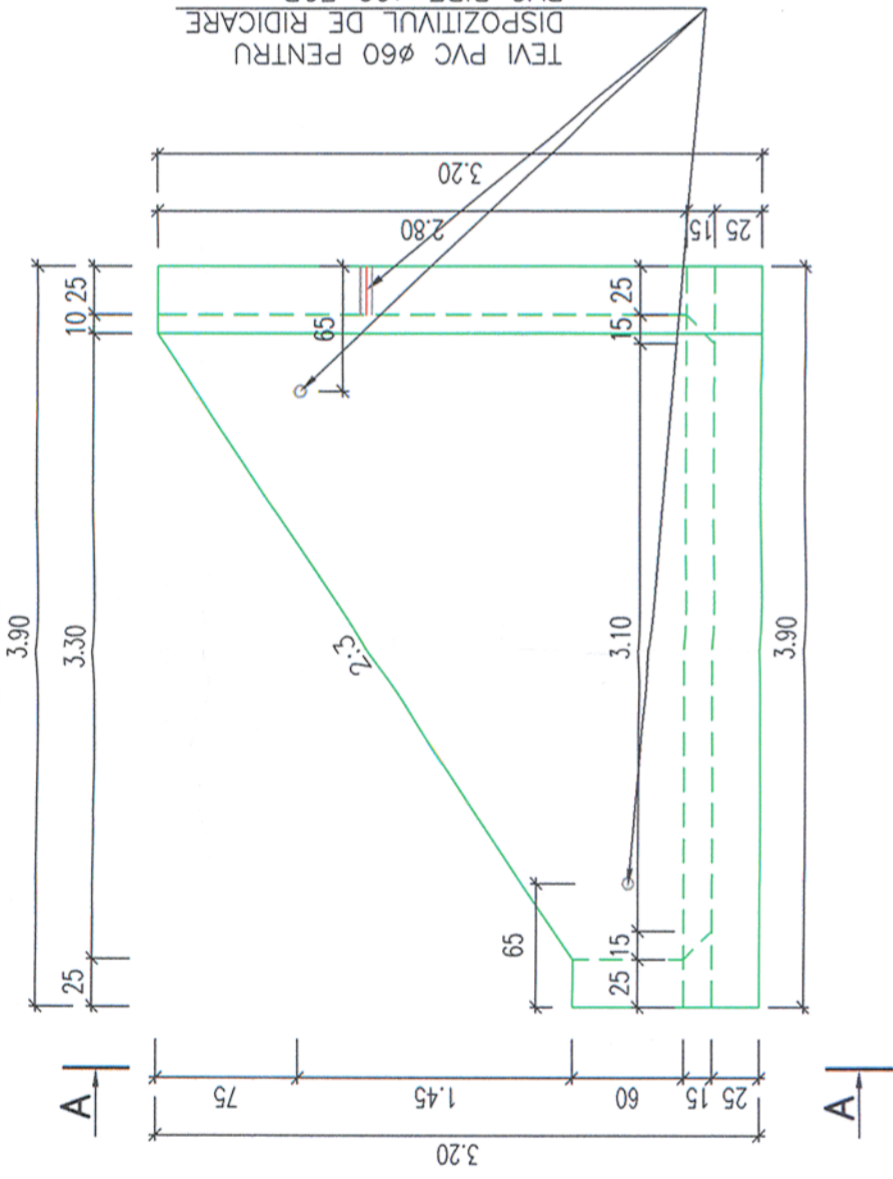
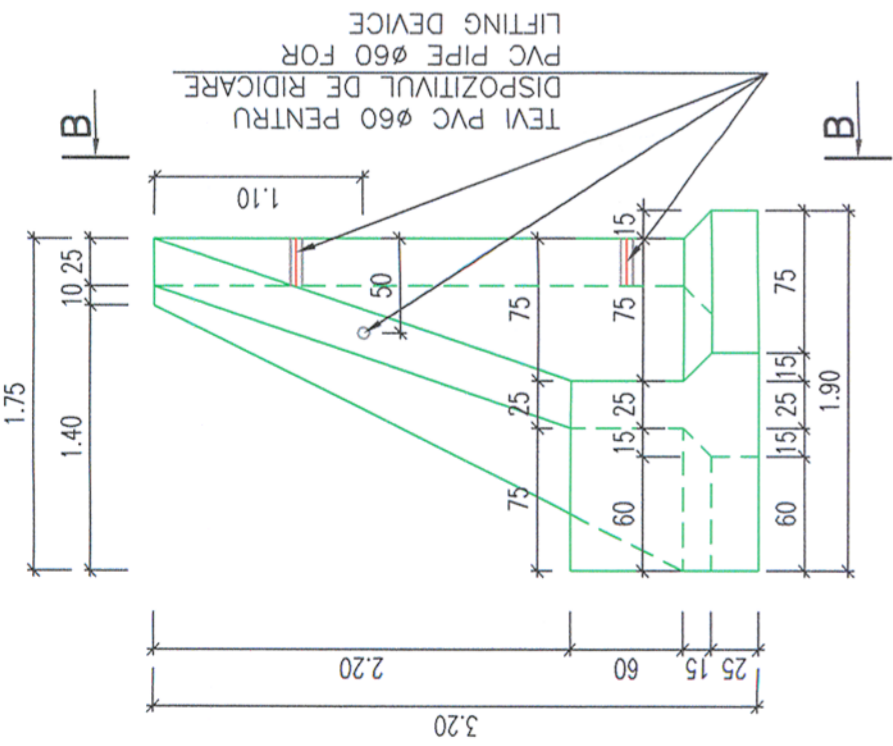


PLAN COFRAJ FORMWORK PLAN

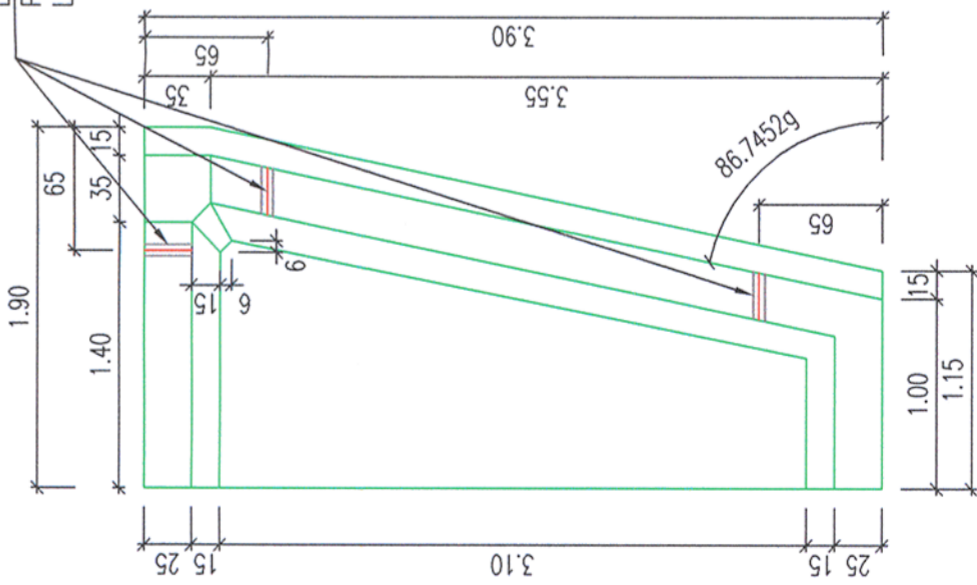
VEDERE A-A A-A VIEW
VEDERE B-B B-B VIEW

Sc 1:50

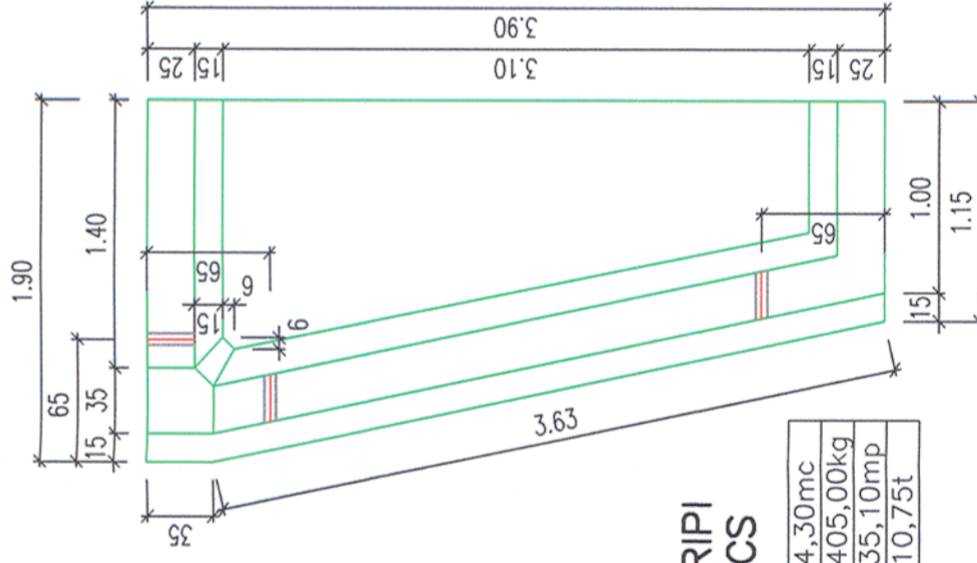


PLAN ARIPA A3 STANGA LEFT WING A3 PLAN

TEVI PVC Ø60 PENTRU DISPOZITIVUL DE RIDICARE PVC PIPE Ø60 FOR LIFTING DEVICE



PLAN ARIPA A3 DREAPTA RIGHT WING A3 PLAN



CARACTERISTICILE UNEI ARIPI ONE WING CHARACTERISTICS

1	Volumul de beton / V concrete	4,30mc
2	Otel PC 60 / Steel PC60	405,00kg
3	Cofraje / Formwork	35,10mp
4	Greutate / Weight	10,75t

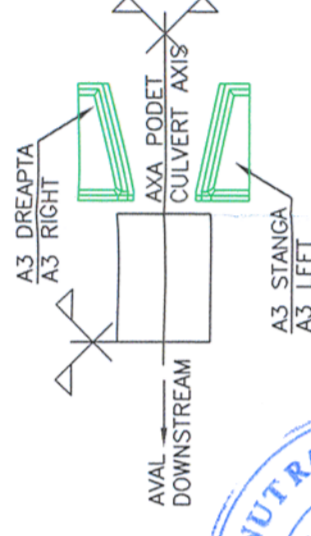
NOTA / NOTE

Acest plan este valabil pentru zone seismice cu acceleratie orizontala de varf $ag \leq 0,16g$.
This plan applies to seismic zones with top horizontal acceleration $ag \leq 0,16g$.

CARACTERISTICILE BETONULUI

C 35/45, expunere XC4+XF3+XA1 (R0), CI 0.2, agregate D_{max} 22, densitate D 2.5, consistenta S3
C 35/45, expunere XC4+XF3+XA1 (R0), CI 0.2, agregate D_{max} 22, densitate D 2.5, consistency S3

FIGURA 1
FIGURE 1



CONVOI DE CALCUL LM71
CALCULATION CONVOY LM71

ATENTIUNE !
-Prezentul plan contine planul de cofraj pentru aripa A3 stanga;
-Pentru perechea ei din dreapta se vor pastra aceleasi dimensiuni, cofrajul fiind orientat invers (vazut in oglinda);
-A se vedea in schita din fig 1.

NOTA:
1 -Aripa prefabricata se va confectiona din beton clasa C35/45 si otel PC60;
2 -Dupa decofrare, fetele interioare ale peretilor si fata superioara a placi de baza se vopseasc cu suspensie de bitum filerizat in dublu strat;
3 -Pentru manevrarea prefabricatului se vor lasa orificii amplasate conform planului. Dupa montarea definitiva in amplasament a transoanelor, se vor umple cu mortar.
4 -Aripile prefabricate se vor amplasa pe blocurile de fundatie monolitice prin intermediul unui strat de mortar de ciment care va fi alcatuit din:
-un strat de nivelare de 2cm
-un strat de 1 cm de fixare pe blocul monolit
inaintea aplicarii mortarului; suprafata blocului se va curata bine de toate impuritatile;
5 -La executie se vor respecta cu strictete prevederile din prescriptia tehnica NE 013-99 "Cod de practica pentru executia elementelor prefabricate din beton, beton armat si beton precomprimat" si din Caietul de Sarcini.
6 -Compactarea pamantului de umplutura in interiorul aripii se face cu placa vibratoare.

ATENTIUNE !
-This drawing represents the formwork plan for the left A3 wing;
-For the right A3 wing, there will be maintained the same dimensions but the formwork will be placed in mirror;
-To be seen the figure no. 1.

NOTE:
1 -The prefabricated wing will be executed of concrete class C35/45 and PC 60 steel;
2 -After removing the formwork, the interior sides of the walls and the upper side of the bottom plate are painted with filler bitumen suspension in double layers;
3 -To operate the prefabricated element will be provided holes located acc. to plan. After the definitive mounting of the section in location, the holes will be filled with mortar.
4 -The prefabricated wings will be placed on the monolith foundation blocks by a cement mortar layer composed by :
-a levelling layer of 2 cm. thickness
-a layer of 1 cm. to fix on the monolith block.
Before mortar laying, the foundation block surface will be cleaned by all the impurities.
5 -During work construction there will be strictly applied the provisions of the technical prescription NE 013-99 "Practice code for the precast elements execution, reinforced and prestressed concrete" and Technical Specifications of this project.
6 -Compacting of filling earth from inside the wings is done with vibrating plate.

Prezentul plan anuleaza si inlocuieste versiunea anterioara
This plan cancels and replaces previous version

Verificator / Expert Checker / Expert	Cerinta Requirement	Semnatura Signature	Referat / Expertiza Report / Expertise
European Investment Bank	MINISTERUL TRANSPORTURILOR BENEFICIAR / BENEFICIARY: COMPANIA NATIONALA DE CAI FERATE "CFR" SA		
PROIECTANT / DESIGNER: PÖYRY			
Aprobat Approved	Sef de echipa Team leader	C. Teodorescu	Data Date 01.2013
Verificat Checked	Expert Cheie Key Expert	R. Tudorascu	01.2013
Subcontractant / Subcontractor YIOTOP			
Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	01.2013
Proiectat Designed	Inginer Engineer	F. Ioanidi	01.2013
"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h" Tronsoanel 2 : km 614 - Gurasada "Rehabilitation of the Railway Line Border - Curtici - Simeria, component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h" Section 2 : km 614 - Gurasada			
Denumire desen / Drawing name: PLAN COFRAJ ARIPA TIP A3EN SHUTTERING PLAN WING A3EN TYPE			
Scara / Scale 1:20	Revizia / Revision 1/05.2013	Cod desen / Drawing Code PT.02.02.00.PO.015	Nr / No 15
Faza / Phase: PTH+CS / TD+TS			



Semnatura
Signature

Data
Date

01.2013

01.2013

C. Teodorescu

R. Tudorascu

A.M. Baicu

F. Ioanidi

01.2013

01.2013

Project 9i
35311.1

Faza / Phase:
PTH+CS / TD+TS